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DBS Cable
Series 59 and Series 6

Jameco Part Number 234157 (1829AC-010-1000)

Series 59 • 20 AWG Solid .032″ Bare Copper-covered Steel • Duobond® II + 40% Aluminum Braid Shield

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
80°C	**1830A**	NEC: CATV CM CEC: CM	U-1000	U-304.8	24.0	10.9	20 AWG (solid) .032″ BCCS 44.5Ω/M′ 146.0Ω/M′	.144	3.66	Duobond II + 40% Aluminum Braid 17.0Ω/M′ 55.8Ω/km	.237	6.02	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.8 1.8 3.4 5.2 6.5 7.0 7.7 9.3 10.3 11.9	2.5 6.0 11.0 17.1 21.4 22.9 25.2 30.5 33.8 39.0
											Sweep tested 950 MHz to 2.25 GHz.								

Series 6 • 18 AWG Solid .040″ Bare Copper or Bare Copper-covered Steel Cond. (see below) • Duobond II + 60% Aluminum Braid Shield

Gas-injected Foam Polyethylene Insulation • PVC Jacket (Black, Gray or White)

80°C	**1829A**	NEC: CATV CM CEC: CM	U-1000▲ 1000▲	U-304.8 304.8	31.0 31.0	14.1 14.1	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1
											Sweep tested 950 MHz to 2.25 GHz.								

▲1000 ft. and U-1000 ft. put-ups also available in Beige.

80°C	**1829AC**	NEC: CATV CM CEC: CM	U-1000 1000	U-304.8 304.8	31.0 31.0	14.1 14.1	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250 3000	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1 11.0	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1 36.1
											Sweep tested 950 MHz to 2.25 GHz.								

Gas-injected Foam Polyethylene Insulation • Black Polyethylene Jacket

Burial 80°C CoreGuard®	**1829B** new		1000	304.8	27.0	12.3	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1
											Sweep tested 950 MHz to 2.25 GHz.								

Burial 80°C CoreGuard®	**1829BC** new		1000	304.8	28.0	12.7	18 AWG (solid) .040″ BC 6.4Ω/M′ 21.0Ω/km	.180	4.57	Duobond II + 60% Aluminum Braid 9.0Ω/M′ 29.5Ω/km	.270	6.86	75	83%	16.2	53.1	5 55 211 500 750 862 1000 1450 1800 2250 3000	.5 1.4 2.6 4.1 5.1 5.5 6.0 7.9 8.4 10.1 11.0	1.6 4.6 8.5 13.5 16.7 18.0 19.7 25.9 27.6 33.1 36.1
											Sweep tested 950 MHz to 2.25 GHz.								

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance